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116A-51-6

Copy No. 1 of 5

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14 June 1961

Subject: REQUEST FOR ADDITIONAL FUNDS

ILLEGIB

Reference: Contract RD-132
Task Order No. 20

Dear Dale:

A review of the progress on Task 20 has disclosed the need for additional funding to complete the program.

As you know, the program has been reviewed with you periodically to insure that the work being done and to be done will meet your objectives, and various minor modifications in the program plan have been made periodically to achieve alignment with your objectives. The program content remains essentially as first proposed. A change, however, is requested in the reporting schedule. As a result of experience with the equipment and because of the status of the various equipment tests, it now appears redundant to issue three separate reports as specified in our original proposal. If you approve, one report will be issued at the conclusion of the program which will include the material previously scheduled in separate Phase I, II and Phase III reports.

The increase in cost for this program is attributed to the following reasons:

1. Initial under-estimation of the magnitude of the task. Though evaluation work has been performed on other equipments, this effort turned out to be both different and involved a numerically greater number of equipments. Thus, the estimate as determined by performance on other tasks was in error.
2. Some delay was encountered at the beginning of the program in receiving all the equipment; further, the proper alignment instructions were not available and this gave rise to some early inefficiency in the operation.
3. The majority of the receivers failed to function properly because of improper wiring. Rewiring and realignment was necessary.
4. Delays were experienced because of the difficulty in obtaining an isolated and quiet power line necessary to properly evaluate the equipment. The desired conditions on the power line were achieved through the design and fabrication of a filtering and distribution system.

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JUST <u>22</u>	NEXT REV <u>2010</u>	AUTH: HR 16-2

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECS. 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

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116A-51-6

~~SECRET~~

Page 2

5. Added difficulties were experienced in acquiring a suitable power source capable of delivering 50 cps power in the amount necessary to operate the equipment under test. Problems encountered related to regulation of the 50 cps power and isolation between the 50 cps power and the test instrumentation operating on 60 cps power. The requirement for evaluation of equipment using a 50 cps power line was agreed upon subsequent to the receipt of contract authorization

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6. Because of a necessary modification in laboratory facilities the location of the test area was changed after the program was started. Some difficulties, and thus delays, were encountered after the test instrumentation and equipment to be evaluated were installed in the new test area. The added costs were attributable to the time consumed in achieving stabilized conditions necessary to acquire meaningful data.

7. A small amount of delay was encountered by virtue of the inefficiency of operation during the time of the [] strike. The delays were due to repetition of certain tasks normally not done daily but performed during the strike period because of the uncertainty of access into the plant on a day to day basis.

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8. An increase in operating expenses (ILE increase).

We now estimate that an additional \$8,865 will be necessary to complete the program:

COST BREAKDOWN

Engineering, Direct Labor

ILE at

G&A at

TOTAL COST (ADDITIONAL)

\$8,865

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If the revised reporting schedule is agreeable and the additional funds are authorized, we estimate that we can finish the work authorized under Task 20 by 29 October 1961, the completion date previously agreed upon.

Very truly yours,

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